



NATIONAL
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KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:
Univ. of Ky - Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

LELAND E. BROWN, Director

Released weekly April - November

Issued 4:00 P.M., June 1, 2010

9-10

AGRICULTURAL NEWS: Mostly sunny skies and above normal temperatures early in the week allowed many fields to dry out and planting made good progress across the Commonwealth. The week was the warmest so far this year with temperatures averaging 74 degrees, 5 degrees above normal and 9 degrees above last week. Total precipitation for the week was .26 inches, 0.80 inches below normal. **Topsoil moisture** was rated as 5 percent short, 78 percent adequate, and 17 percent surplus. **Subsoil moisture** was rated as 1 percent short, 86 percent adequate, and 13 percent surplus. There were 5.3 days, out of a possible 7, suitable for fieldwork. Cutting hay, setting tobacco, planting soybeans and replanting corn were major activities for the week.

ROW CROPS: Many farmers were able to begin replanting corn during the week. Reported progress was 98 percent of intended acreage planted, compared with 96 percent last week and the five year average of 94. Ninety-four percent of the corn had emerged compared with 89 percent last week and the five year average of 86. Corn not affected by the excessive rainfall appears to be doing well. The average emerged corn height was 14 inches, with the most advanced height at 26 inches. Soybean planting progressed to 64 percent complete, ahead of the 45 percent reported last week and the five year average of 53. As of Sunday, May 30, 43 percent of the soybeans planted had emerged, ahead of the 23 percent last week and the five year average of 34.

TOBACCO: Tobacco setters were busy this week as fields dried out. As of Sunday May 30, 45 percent of the state's burley had been set, compared with 22 percent last week and the five year average of 55. Half of the dark tobacco had been set, compared with 34 percent last week and the five year average of 49. The condition of set tobacco was reported as 1 percent very poor, 2 percent poor, 24 percent fair, 63 percent good and 10 percent excellent.

SMALL GRAINS: Winter wheat condition was reported as 4 percent very poor, 5 percent poor, 16 percent fair, 60 percent good, and 15 percent excellent. Some farmers remain concerned with potential disease problem in the winter wheat crop.

OTHER CROPS AND PASTURE: For the week of May 30, hay crop condition was rated as 1 percent very poor, 4 percent poor, 23 percent fair, 55 percent good, and 17 percent excellent. Warm, dry weather early in the week allowed farmers to cut and cure hay before more unsettled weather arrived at the end of the week. Pasture condition was rated as 1 percent very poor, 2 percent poor, 21 percent fair, 58 percent good, and 18 percent excellent.

CROP PROGRESS for week ending 05/30/10

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Corn Planted	98	96	87	94
Corn Emerged	94	89	70	86
Soybeans Planted	64	45	28	53
Soybeans Emerged	43	23	13	34
Burley Tobacco Set	45	22	53	55
Dark Tobacco Set	50	34	36	49

SOIL MOISTURE for week ending 05/30/10

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	0	5	78	17
Subsoil	0	1	86	13

CROP CONDITIONS for week ending 05/30/10

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Corn	6	9	24	46	15
Soybeans	0	0	13	74	13
Wheat	4	5	16	60	15
Pasture	1	2	21	58	18
Hay Crops	1	4	23	55	17
Tobacco Set	1	2	24	63	10

KENTUCKY WEATHER SUMMARY, MAY 24 – 30, 2010:

Above Normal Temperature and Below Normal Rainfall:

This past week broke the cloudy and wet trend set by the two previous weeks. All through the work week skies were mostly sunny, with highs in the 80s. Even overnight lows were above normal for the week, making for the highest average temperature for a week so far this year. Rain fell periodically through the week from isolated thunderstorms, however most rain came over the weekend from some scattered thunderstorms.

Temperatures for the period averaged 74 degrees across the state which was 5 degrees above normal and 9 degrees warmer than the previous week. High temperatures averaged from 87 in the West to 84 in the East. Departure from normal high temperatures ranged from 4 degrees above normal in the West to 5 degrees above normal in the East. Low temperatures averaged from 66 degrees in the West to 61 degrees in the East. Departure from normal low temperature ranged from 6 degrees above normal in the West to 3 degrees above normal in the East.

Rainfall for the period totaled 0.26 inches statewide which was 0.80 inches below normal. Rainfall totals by climate division, West 0.49 inches, Central 0.24 inches, Bluegrass 0.20 inches and East 0.12 inches, which was 0.62, 0.86, 0.82 and 0.89 inches respectively below normal. By station, rainfall totals ranged from a low of 0.00 inches at Berea to a high of 1.40 inches at Princeton.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, MAY 30, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Last Week	Since Apr. 1	Dev. Since Apr. 1
		(Inches)				(Degrees Fahrenheit)						
Bardstown	0.04	10.53	2.29	+2.18	-1.75	90	62	74.7	+5	169	934	+169
Berea	0.00	12.98	2.14	+3.91	-2.20	86	58	71.5	+3	149	873	+77
Bowling Green	0.45	14.21	2.20	+4.95	-2.26	88	63	75.8	+6	177	1002	+206
Bristol	0.08	4.69	1.33	-2.51	-2.19	87	36	68.8	+0	135	898	+194
Buckhorn Lake	0.25	9.18	2.41	+1.32	-1.30	84	55	70.6	+2	141	833	+129
Cape Girardeau	0.32	10.09	2.48	+0.47	-2.21	91	64	76.9	+5	180	1008	+181
Campbellsville	0.04	15.01	3.89	+5.08	-0.80	87	60	73.1	+3	159	896	+100
Covington	0.38	7.23	3.40	-0.80	-0.47	89	62	75.3	+7	174	842	+168
Cumberland Gap	0.00	8.03	2.13	-0.86	-2.21	87	57	72.7	+4	158	929	+225
Dix Dam	0.28	13.07	3.08	+4.11	-1.20	86	61	72.9	+4	159	875	+110
Evansville	0.17	6.35	0.80	-2.42	-3.49	90	36	73.1	+1	159	944	+178
Glasgow	0.21	12.21	2.42	+2.60	-2.15	86	62	73.9	+4	167	954	+218
Grayson	0.38	10.95	4.49	+3.06	+0.64	87	60	72.2	+3	154	844	+201
Hardinsburg	0.75	13.58	3.33	+4.40	-1.07	87	62	74.2	+4	167	922	+126
Henderson	0.97	8.84	1.70	+0.03	-2.41	89	64	76.0	+4	178	960	+164
Huntington	0.24	9.51	3.73	+1.65	-0.12	87	61	73.3	+5	161	907	+203
Jackson	1.10	10.53	4.92	+1.95	+0.87	85	59	72.7	+4	157	947	+243
Lexington	0.00	12.24	3.92	+3.89	-0.12	89	61	74.1	+5	166	875	+201
London	0.11	8.46	1.58	+0.28	-2.27	86	58	72.6	+4	158	911	+207
Louisville	0.09	12.13	3.40	+3.28	-0.77	92	67	79.1	+9	191	1028	+262
Mayfield	0.06	8.24	1.75	-1.82	-2.78	87	62	74.9	+3	172	1028	+171
Nashville	0.12	19.80	2.77	+10.55	-1.64	89	36	72.7	+3	160	1042	+185
Nolin Lake	0.10	12.71	3.41	+2.70	-1.54	86	60	73.6	+4	164	904	+139
Paducah	0.54	8.67	2.19	-1.28	-2.27	89	64	75.9	+4	177	1023	+196
Princeton	1.40	13.71	3.99	+3.95	-0.49	88	64	74.9	+3	171	992	+166
Quicksand	0.43	8.64	3.09	+0.06	-0.96	87	60	73.6	+5	163	918	+214
Somerset	0.19	12.93	2.52	+3.51	-2.06	87	59	72.3	+4	154	884	+119
Spindletop	0.47	10.59	4.35	+2.24	+0.31	90	51	72.3	+4	152	871	+197
Williamstown	0.13	9.48	3.61	+0.92	-0.37	86	62	73.5	+5	161	839	+165

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>